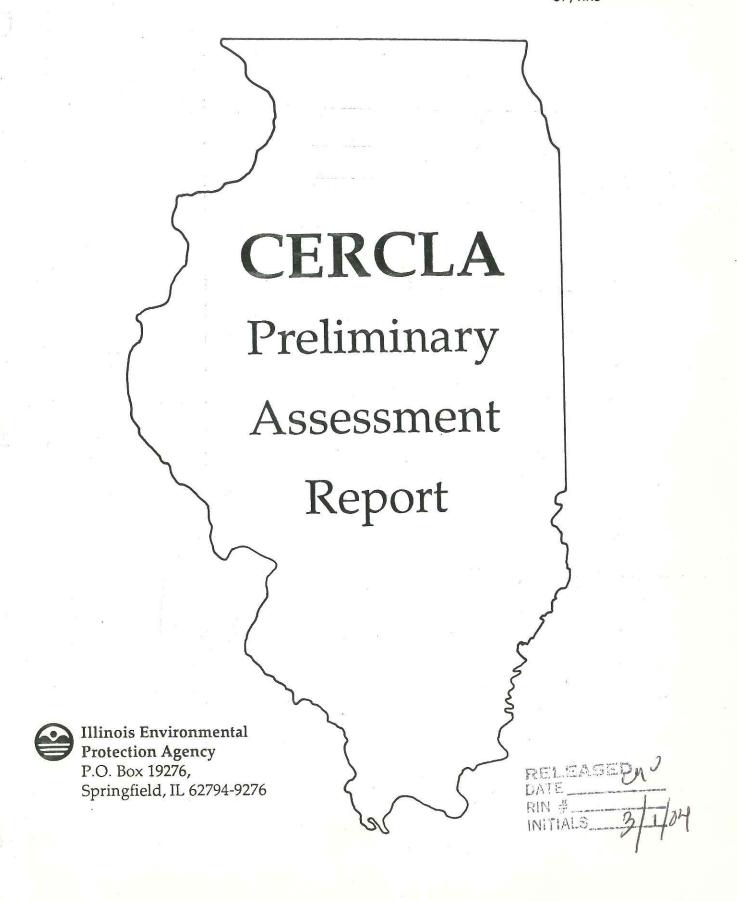
# Determination: RCRA Closure never completed PA/VSI Or RFA FILE REVIEW CHECKLIST

Facil	lity Nai	ne: No	orth Chicago Inc. (Fansteel Inc)
EPA	ID: IL	D 005	130 786 Address: One Tantalum Pl. North Chicago, Lake Co, IL
Nam	e of Re	eviewer	: Maureen McHugh Date of Review: 9/23/08
1	Yes	Nø	Is this a one folder site?
2	Yes	No	Are there Superfund files for this site?
3	Yes	No	Did you Read the Executive Summary?
			There are: SWMUs and AOCs at this site.
4	Yes	No	Did you review the regulatory history?
5	Yes	No	Does the facility have interim status or a permit?
			This facility is a: _X_(CE)SQG,LQG, orLess than 90 day.
6	Yes	No	Was the Facility closed per RCRA? RCRAInfo 380 (1987)
			If Yes, was the closure: _X_ CC, or CIP.
7	Yes	No	Are there documented (historical) releases? Briefly describe on Page 2.
8	Yes	No	Were there releases identified during the inspection? Briefly describe on Page 2.
9	Yes	No	Do you agree with the Conclusions and Recommendations?
			If No, briefly describe on Page 2.
As a	result o	of your r	eview of the PA/VSI or RFA file, please classify this site as:
	any oth	er SWM	corrective action recommended or warranted: These are sites that closed the regulated units IUs or AOCs at the site did not warrant any further corrective action (no historic releases or observed during the Visual Site Inspection).
SW	vestiga MU or A	tion that AOC and	ion Required: Soil or sediment sampling or groundwater sampling or monitoring or any type was recommended in the report in response to a documented or observed release at any d where such investigation, whether being addressed during the inspection or after, does not documentation in the facility record files.
	Mo	re Infori	nation Needed: There is no RFA, PA/VSI or RCRA closure information available.

## PA/VSI Or RFA FILE REVIEW CHECKLIST

Notes
The facility was inactive at the time of the PA.
Briefly describe any documented (historical) releases for any SWMU or AOC recorded in the report. For each release, please identify the SWMU or AOC and a one or two line description of release.
Samples taken in 1990 indicated toluene (746ppb), ethylbenzene (176ppb), xylene (963ppb), 1,1,1-trichloroethane (872ppb), trichloroethylene (68,417ppb), tetrachloroethylene (10,376ppb), chloroform (284ppb), lead (2970ppb), and cadmium (160ppb) contamination in the soil. The area of contamination was undergoing closure at the time of the PA, but this was in 1990 and closure was never approved in RCRAInfo.
Briefly describe any releases observed during the inspection for any SWMU or AOC recorded in the report. For each release, please identify the SWMU or AOC and a one or two line description of release.
PA/VSI Recommendations
In 1990, soil contamination was scheduled to be addressed through RCRA closure, but closure was never completed. Follow up on the current status of the site and if contamination was ever addressed.

2



#### EXECUTIVE SUMMARY

Fansteel, Incorporated was added to CERCLIS (Comprehensive Environmental Response, Compensation and Liability Information System) in July of 1990 as a result of a request made by the Illinois Environmental Protection Agency.

The facility is situated on a nine-acre site located on the north side of 22nd Street between Commonwealth Avenue and Sheridan Road in the City of North Chicago, Lake County Illinois (the southwest 1/4 of the northwest 1/4 of Section 4, Township 44 North, Range 12 East). The site is currently bordered to the north by a residential area, to the east and south by industrial sites and to the west by a vacant lot.

According to the book, \$2500 AND A DREAM (the history of Fansteel, Inc.) the facility dates back to 1942 when the U.S. Government authorized and financed its construction. The construction of this facility was actually an expansion of the already-existing Fansteel facility, located south of 22nd Street. The new facility was to utilize upgraded and mechanized equipment for the production of tantalum (important in the production of munitions). At that time the facility was owned by the Tantalum Defense Corporation, a subsidiary of Fansteel.

Presently, it is not known how the site was utilized prior to 1942. However, available historical sources (Sanborn Maps and Lake County plat books) show no commercial or industrial development at the site prior to that year.

According to Jack Beyrer, Fansteel's Environmental
Consultant, the north facility continued operations,
producing tantalum mill products and forming non-ferrous
metals, until November of 1990 when production at the
facility ceased. Beyrer stated that the facility will remain
as the company's corporate headquarters and therefore,
several offices will continue to operate at the site.

According to Agency records the south facility (located south of 22nd Street) was owned by Fansteel, Inc. until December of 1986 when it was sold to Federal Chicago Corporation. This portion of the facility completed RCRA closure in the spring of 1987.

Agency records indicate that the Illinois Environmental Protection Agency has been involved with this facility since at least the early 1970's, as the facility applied for various operating permits and was subject to routine inspections. Included in the Agency Records is a 1972 Opinion of the Illinois Pollution Control Board stating that discharges from the Fansteel facility into nearby Pettibone Creek were having a detrimental effect on the stream. As a

result, the Board ordered Fansteel to pre-treat its effluent so that it could be discharged to the North Shore Sanitary District, thus restricting the discharge into Pettibone Creek.

According to Agency records, Fansteel, Inc. filed a RCRA Part-A Permit in November of 1980 and subsequently applied for the RCRA Part-B permit. While waiting for approval and making modifications to its Part-B application, Fansteel, Inc. operated under interim status. The facility continued to operate under interim status until January of 1991 when the RCRA Part-B application was withdrawn.

Currently, the facility is undergoing closure of its hazardous waste management unit - a waste oil storage area that at one time housed two 13,500 gallon tanks. According to Beyrer, the tanks were removed in the summer of 1990. Closure records indicate that various sampling events have revealed soil contamination in the tank area. Analytical results from the most recent sampling event (August, 1990) reveal contamination to a depth of 20 feet. The table below summarizes these findings.

#### SAMPLES COLLECTED AUGUST, 1990

Compound	Concentration
tolueneethylbenzenexylene	176 ppb 963 ppb 872 ppb .68,417 ppb .10,376 ppb 284 ppb 2,970* ppb

- \* Extraction Procedure Toxicity (EP Tox)
- The values given are the highest found in this sampling event.

A site reconnaissance was conducted on January 17, 1991 by IEPA personnel. Those present were Judy Triller, Greg Dunn and Bob Casper of the IEPA's CERCLA Pre-Remedial Unit. Also present were Kevin Lesko and Mark Crites of the IEPA's RCRA program. Representatives of Fansteel were Jack Beyrer and Mark Steger, attorney for Fansteel. Because the facility is inactive, many areas were found to be vacant, while other areas contained only idle machinery. Several drums of waste, most said to be non-hazardous, were observed in the manufacturing building and warehouse.

The waste oil storage area that is undergoing closure was observed to be a metal building with a dirt floor. According to Beyrer, the west wall of the building has been removed to

allow access of equipment inside the building to collect samples. This building was found to be empty except for concrete saddles where a tank used to rest. The entire facility was found to be enclosed by a fence, and a guardhouse (occupied) was observed near the main gate, located along 22nd Street.

Based on information obtained from Agency files, site observations, and conversations with Jack Beyrer, two sources of possible contamination have been identified at the site.

- 1) Contaminated soil in the Waste Oil Storage Area. The area covers approximately 1440 square feet with contaminants identified to a depth of 20 feet (= 28800 cubic feet).
- 2) Drum storage area identified during the 1-17-91 site reconnaissance. Two drums of F001 waste (spent halogenated solvent) and nine other drums being analyzed to determine their classification as hazardous or non-hazardous. These drums were located in the manufacturing building stored on a concrete floor. (See site map.)

Drilling logs from sites to the east and west of the site indicate that fill extends from the ground surface to a depth of approximately 3 feet to 8.5 feet. An IEPA Emergency Response Unit incident log indicates that the "area was filled in years ago with what appears to be materials similar to fly ash, foundry sand". (The incident log deals with the

vacant lot just west of Fansteel, Inc.) Because no drilling logs from the Fansteel site are available at this time, it isn't clear whether this fill exists under the Fansteel facility.

Additional sources (well logs, drilling logs, an environmental report from a neighboring site) indicate that the geology of the area consists of glacial till to a depth of approximately 160 feet underlain by Silurian Dolomite to a depth of approximately 400 feet. Below the dolomite are the Ordivician-aged rocks of the Maquoketa Shale, Galena-Platteville Limestone and the Glenwood-St. Peter Sandstone. As indicated by well logs of the area and the IEPA Division of Public Water Supplies Facility Inventory, three aquifers are utilized in this region - the sand and gravel aquifer (of glacial till), the Silurian Dolomite, and the Glenwood-St. Peter Sandstone.

Information obtained from public water operators of the area indicates that the nearest known well is located approximately 1.5 miles south-southeast of the site. In the area between one and two miles of the site there are approximately 15 private wells and one public well serving a total of approximately 115 people. In the area between two and three miles of the site there are approximately 41 wells (four public wells, five non-community wells, and approximately 32 private wells) serving 5720 people, and between three and

four miles of the site there are approximately 170 wells (two non-community wells and approximately 168 private wells) serving 1820 people.

Others residing within four miles of the site obtain water from Lake Michigan. Within the 15-mile surface water route, there are eleven documented, public surface water intakes (all from Lake Michigan) serving approximately 235,000 people.

Surface water runoff from the site flows south to 22nd Street where it enters a stormwater outfall and discharges to Pettibone Creek. Pettibone Creek flows south and east through the Great Lakes Naval Training Center where it enters Lake Michigan approximately 1.2 miles from the site. (See attached map).

Information provided by the Illinois Department of Conservation documents the presence of 20 different state-endangered or threatened species as well as eight state-designated natural areas and two state-designated nature preserves within the 15-mile surface water route. All of these sensitive environments are located in or adjacent to Lake Michigan.

Information known about the site at this time suggests that the facility poses little or no threat to the air or nearby surface water. The area of contaminated soil on site does present the possibility of groundwater contamination. However, this area is being addressed through the IEPA's RCRA program. Therefore, it is recommended that no further CERCLA remedial action be taken at this site.

<b>\$EPA</b>	POTENTIAL HA	ARY ASSE	SSMENT	_	I. IDENTIFI	SITE HUMBER	
II. SITE NAME AND LOCATION	PART 1 - SITE INFOR	MATIONA	ND ASSESSM	ENT	TT INC	005/30 7	86
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III. RESPONSIBLE PARTIES			11.		entre establishment de la company de la comp		
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A//1 0- :		1		OR TELEPHONE			-
North Chicago		IL	1000104	1708 689	7-4900		
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Same As Above				<u> </u>			
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13 TYPE OF OWNERSHIP POWER SHIP				1( )	J		
A. PRIVATE () B. FEDERAL:	Upper cons		_ C.STAT	E DD.COUNTY			
C) F. OTHER:			- D G. UNKO		C E. MUN	CIPAL	
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## **QEPA**

# POTENTIAL HAZARDOUS WASTE SITE

I. IDENTIFICATION

70-			PART 2 - WAST	' ASSESSMENT E INFORMATION		IL DOC	NUMBER 25130786
IL WASTE	STATES, QUANTITIES, AN	O CHARACTER	ISTICS				
A SOLID	ER. FINES # F LIQUID	TONS	ITY AT SITE	03 WASTE CHARACT  A TOXIC  B CORROC  C RADIOA  D PERSIS	CTIVE EG FLAM	RLE I HIGHLY FIOUS J EXPLO MABLE K REACT BLE L INCOM	INE
III. WASTE	TYPE			<u> </u>			
CATEGORY	SUBSTANCE N	AME	01 GROSS AMOUNT	T <sub>arr</sub>			
SLU	SLUDGE		OT GHOSS AMOUNT	02 UNIT OF MEASURE	03 COMMENTS		
QLW	OLY WASTE		35000			<del></del>	
SOL	SOLVENTS		25089	Ballone		Solvent Mix	
PSD	PESTICIDES		MUKOOMU		Detected	io Soil same	oles
occ	OTHER ORGANIC CH	HEMICALS		<u> </u>	LAISO two	55-gailen dri	iws -
юс	INORGANIC CHEMIC						
ACD	ACI <b>OS</b>						
BAS	BASES		458	C 13			
MES	HEAVY METALS		UCKOOMA	Gallons			
IV. HAZARD	OUS SUBSTANCES	tornes ter mest traculate	T CARL CAS MUNICIPAL	I	Detected	un soil so	impies_
01 CATEGORY	02 SUBSTANCE NA		03 CAS NUMBER	04 STORAGE DIS	POSAL METHOD	05 CONCENTRATION	06 MEASURE OF CONCENTRATION
BAS	Sodium Hya	roxide	1310-73-2	Solid- Unki			CONCENTRATIO
MES	Load		7439-92-1	Found in		TUKOONO	
MES	Cadmium		7740-43-9	Found in	Soil	2970	PPB
SOL	Toluene		108-88-3	#	5011	746	PPD
SOL	Ethyl penzeni		100-41-4	//		170	PPB
SOL	Xylenc		1330-20-7	11			PPB
SOL	lilil-trichlome	thanc	71-55-10			<u>963</u> 872	ρρο
SOL	trichloroeth		79-01-10	,	<del></del>	68417	PPD
501	Chlereform	,	67-KO-3			2.84	PPD
SOL	Tetrachloroe	thylene	127-18-4	- //		10376	PPb
			<u>-</u>				
	Coustic Riose	Water		HOKOOWI			
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	Wasta Cil /Sal	VED! MIX		unknov		μηκορωο	
V. FEEDSTO	CKS See Appendix to CAS Married	v			L		<u> </u>
CATEGORY	O1 FEEDSTOCK	XVIVE	02 CAS NUMBER	CATEGORY	01 FEEDSTOC	K NAME	02 CAS MUMBER
FOS			:	FDS			
FDS			į	FDS			
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FCS				FDS		1	

- VI. SOURCES OF INFORMATION (C40 SDOCIME INFORMACES, 0 g. SHIED MOS. EL
- 1988 Generator Annual Hazardous Waste Report (IEPA-DLPC Files)
   Analytical Results of samples from Waste Oil Storage Area Report by Carlson Knight Kudrna, Inc. 110-9-90)
- Site reconnaissance of 1-17-91 and interview with Jack Beyrer.

### POTENTIAL HAZARDOUS WASTE SITE PRELIMINARY ASSESSMENT

L IDENTIFICATION OI STATE OF SITE MARGER PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS TL DOOS 130 786 IL HAZARDOUS CONDITIONS AND INCIDENTS 01 M A GROUNDWATER CONTAMENATION 02 L' OBSERVED IDATE 03 POPULATION POTENTIALLY AFFECTED 100665 Soil samples collected from the Waste Oil Storage Area reveal the presence of . 04 NARRATIVE DESCRIPTION contaminants to a depth of 18' to 20'. Boring logs indicate groundwater 01 ... B. SURFACE WATER CONTAMINATION 03 POPULATION POTENTIALLY AFFECTED 02 .7 OBSERVED (DATE. 04 NARRATIVE DESCRIPTION Surface runoff from the site enters Petitione Creek, which flows just west then south of the site + enters take Michigan. Read inspections since 1982 indicate that L. POTENTIAL wastes are stored in secure containers indoors. Therefore the liklihood of surface water contamination has been unlikely. Also 01 TO C CONTAMINATION OF AIR
03 POPULATION POTENTIALLY AFFECTED: OF C OBSERVED (DATE 04 NARRATIVE DESCRIPTION Older Agency Inspection Reports from IEPA/DAPC indicate some concert .. POTENTIAL about certain possible air emissions. However, since the plant stopped production in Nov. of 1990, contamination of air is very unlikely. 01 () D. FIRE/EXPLOSIVE CONDITIONS 03 POPULATION POTENTIALLY AFFECTED 02 COBSERVED (DATE OF NARRATIVE DESCRIPTION L POTENTIAL \_ MITECED None documented or observed. OI TE DIRECT CONTACT 03 POPULATION POTENTIALLY AFFECTED. OF COBSERVED IDATE The presence of soil contamination leads to the possibility of a direct OF HARRATIVE DESCRIPTION contact hazard. However, the entire facility is fenced + has a guard Service, making direct contact very unlikely. The area of contamination is 03 AREA POTENTIALLY AFFECTED \_\_\_\_ 27 02 8 OBSERVEDIDATE 8-24-90 1 04 HARRATIVE DESCRIPTION POTENTIAL Contaminants have been detected in the soil of the Waste Oil ALLEGED Storage Area to a depth of 18 feet to 20 feet. This area is situated 01 開日 DRINKING WATER CONTAINMATION 7.582 0211 OBSERVED IDATE The nearest documented well is located approximately 1.5 miles ALLEGED south southeast of the site. This and other wells in the same area draw water from a sand agravel aquifer at a depth of approx. 140 feet OT I H WORKER EXPOSURE BLURY 03 WORKERS POTENTIALLY AFFECTED: 02 (1 OBSERVED IDATE U POTENTIAL 04 NARRATIVE DESCRIPTION None documented or observed . OI I I POPULATION EXPOSUREMENTARY 03 POPULATION POTENTIALLY AFFECTED 02 LI OBSERVEDIDATE None documented or observed. 04 NARRATIVE DESCRIPTION () POTENTIAL ~ ALLEGED

Facility is enclosed by a fence. An occupied guardhouse

main gate.

the

EPA FORM 2070-12 (7-81)

located near

## SEPA

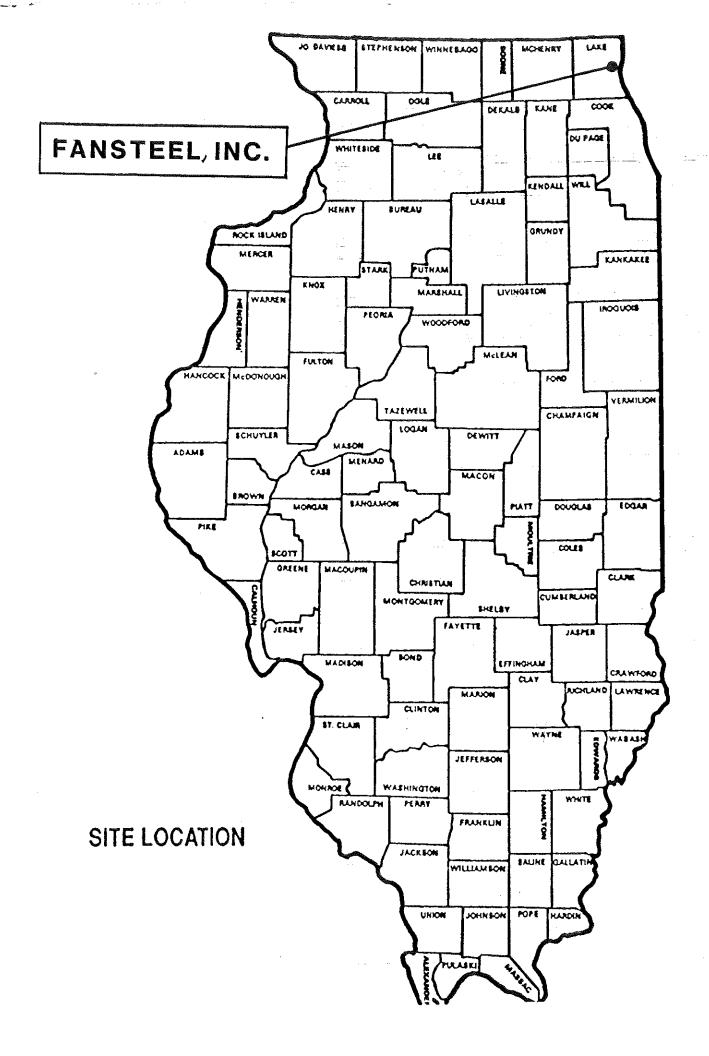
## POTENTIAL HAZARDOUS WASTE SITE PRELIMINARY ASSESSMENT

L IDENTIFICATION

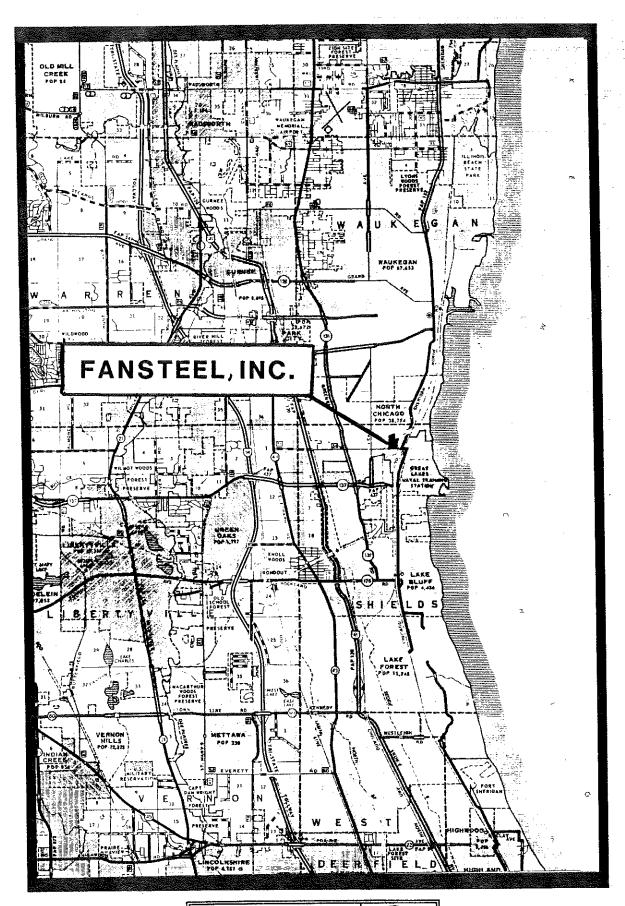
OI STATE OF SITE MARGEN

T. DOCE 120

THE PERCHAPITOR OF	HAZARDOUS CONDITIONS AND INCIDEN	re IL I	0005/30
COMOUNTS AND INCIDENTS (Common			
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None documented	or observed.		
OK DAMAGE TO FALMA WARATIVE DESCRIPTION PRODUCT A DESCRIPTION OF THE PRODU	02 C) OBSERVED (DATE:	□ POTENTIAL	O ALLEGED
fluent to Petitione Creek, he was privated to petitions ordered to petition to the North Space Sanita	C - 1972) indicate that the aving a detrimental effect of retreat its effluent, which	facility form	merly disch
L. CONTAMINATION OF FOOD CHAIN ARRATIVE DESCRIPTION	OR D OBSERVED (DATE:)	O POTENTIAL	O ALLEGED
See "K", above.			
M UNSTABLE CONTARBMENT OF WASTES	02 & OBSERVED (DATE: 8-24-90)	☐ POTENTIAL	O ALLEGED
Scc "F"	04 NARRATIVE DESCRIPTION		
N DAMAGE TO OFFSITE PROPERTY PRATIVE DESCRIPTION	02 ( i OBSERVED (DATE:)	□ POTENTIAL	O ALLEGED
None Known			
CONTAMBATION OF SEWERS, STORM DRAINS, WATER PRATIVE DESCRIPTION	02 CI OBSERVED (DATE:)	☐ POTENTIAL	O ALLEGED
None Known			
PLLEGALUNAUTHORIZED DUMPING WATATIVE DESCRIPTION	02 O OBSERVED (DATE:]	O POTENTIAL	C ALLEGED
None documented or	observed.		-
CRIPTION OF ANY OTHER KNOWN, POTENTIAL, OR ALLE	GED HAZAROS		
AL POPULATION POTENTIALLY AFFECTED:	0.665		
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CES OF INFORMATION (CH SOUCH INSPERCED, E. P. MAIS MINE.			
t. 9, 1990 Report by Carlson somples collected from Waste			



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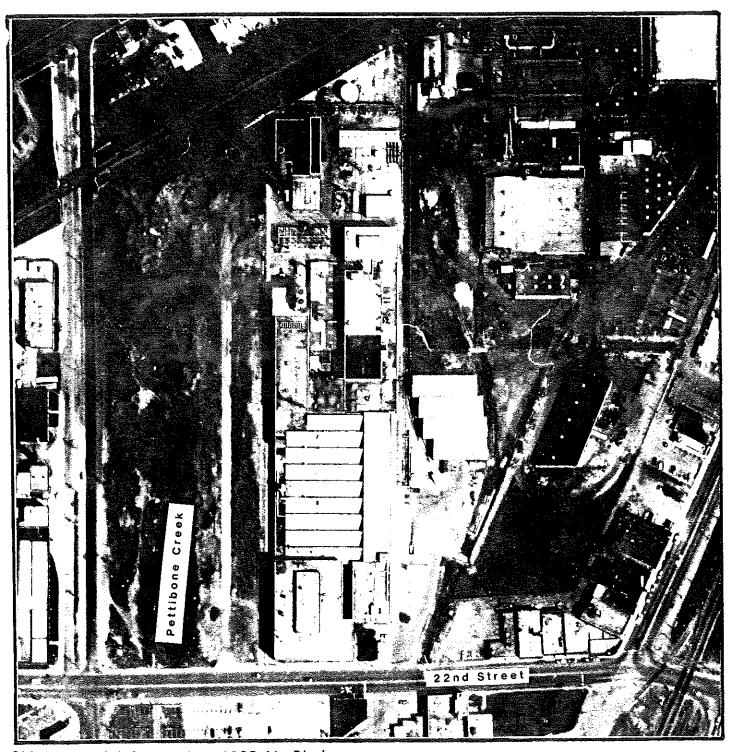
FANSTEEL, INC.

Lake County



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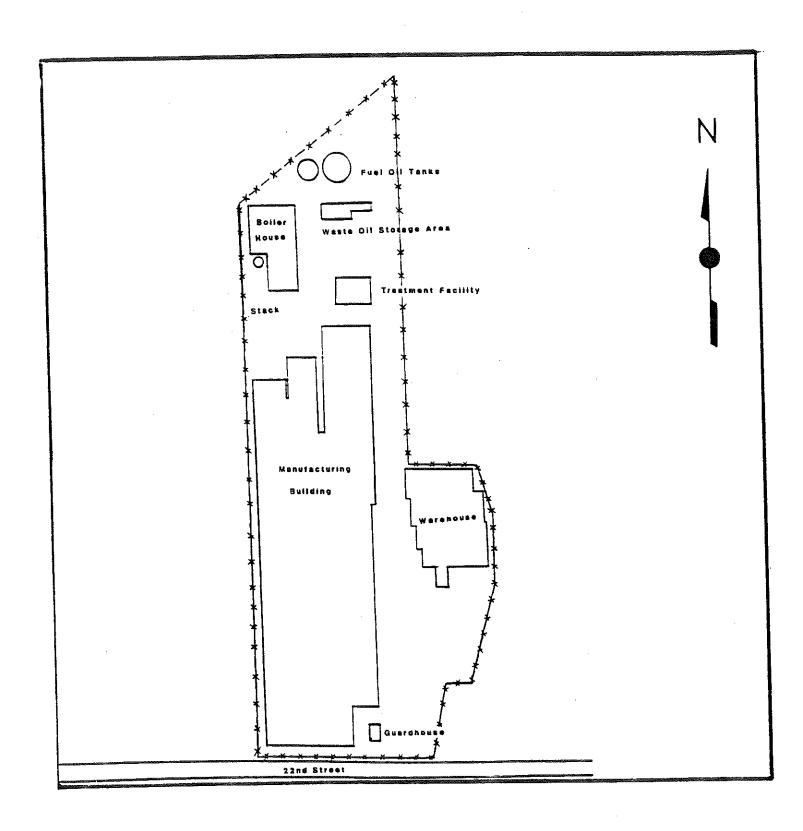
2.45<u>.</u>



Chicago Aerial Survey Inc. 1985 Air Photo

# FANSTEEL INC.





FANSTEEL INC.

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PN 8175



Carlson

Knight

Kudma, Inc.

Management Consultants for Environmental Issues October 9, 1990

Mr. Mark Steger
McBride Baker & Coles
Northwestern Atrium Center
500 West Madison Street
40th Floor
Chicago, IL 60606

Subject:

Analytical Results

Fansteel

RCRA Closure- Waste Oil Storage Area

North Chicago, Illinois

Dear Mr. Steger:

Pursuant to your request please find the analytical results and diagrams for the Phase Two Subsurface Soil Investigation at the above-referenced site.

Soil sampling was conducted at the site on August 24, 1990, under the supervision of Edward Garske and Frank Sherman of CKK. Drill rig and crew were provided by Patrick Drilling of Glen Elyn, Illinois. Four boreholes were drilled at the site in the locations shown in Figure One. The boreholes were drilled using a hollow stem auger to a depth of 20 feet. As each borehole was drilled, auger cuttings were continuously screened with a Century 128 Organic Vapor Analyzer (OVA) to identify locations with elevated levels of volatile organic compounds. Samples were collected using Shelby tube samplers from each borehole at depths of 3-5 feet, 9-11 feet, 13-15 feet, and 18-20 feet. The auger was steam cleaned between each borehole.

All samples were analyzed by Suburban Laboratories in Hillside, Illinois, for EP TOX lead and cadmium and the following volatile organic compounds; benzene, toluene, ethylbenzene, xylene, chlorobenzene, trichloroethylene, tetrachloroethylene, 1,1,1-trichloroethane, acetone, carbon tetrachloride, methylene chloride, and chloroform. The results of this analysis are summarized in Table One along with the current cleanup objectives for this site suggested by the Illinois Environmental Protection Agency (IEPA). A complete set of laboratory results and chain of custody records is attached.

In addition to Table One showing the analytical results, Figures Two through Six show the estimated boundaries of each type of contamination identified at the site.

OCT 17 1990

IEPA-DLPC

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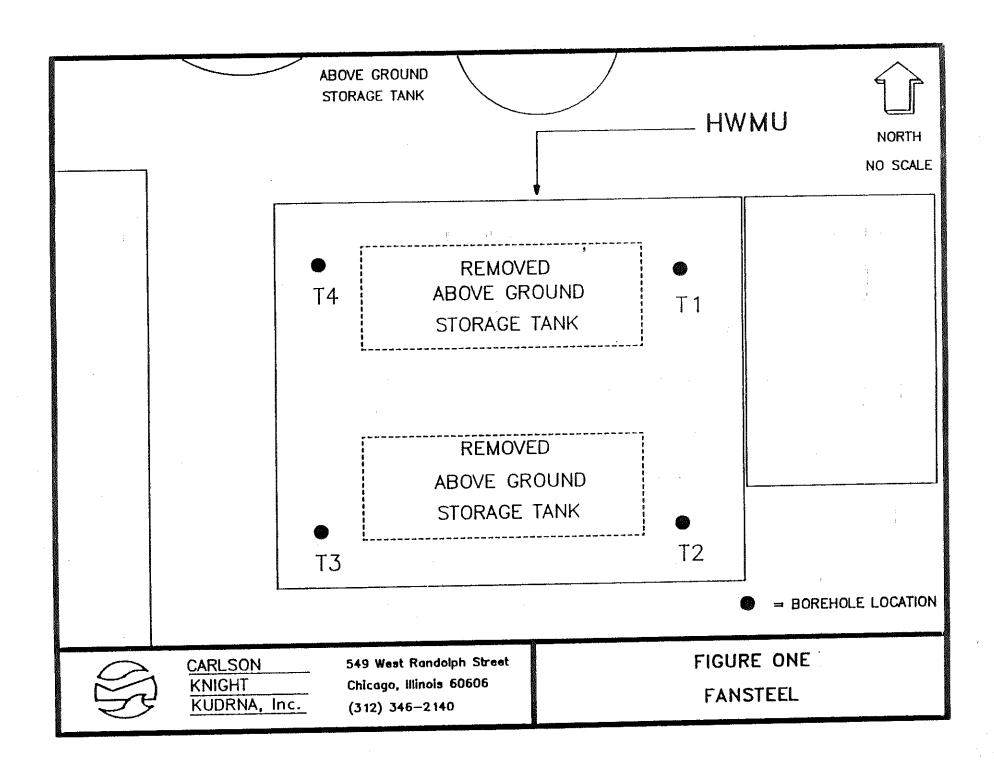


TABLE ONE

FANSTEEL ANALYTICAL RESULTS.

	T1A	Т1В	T1C	T 1D	T2A	T2B	T2C	T2D	T3A	Т3В	130	T3D	T4A	T48	T4C	T4D	CLEANUP OBJECTIVE**
DEPTH (feet)	4	9	14	19	4	9	14	19	4	9	14	19	4	9	14	19	·
рĦ	6.0	6.0	6.0	7.0	6.0	6.0	6.0	7.0	6.0	6.0	6.0	7.0	5.0	6.0	6.0	6.5	
Benzene Toluene Ethylbenzene Xylene 1,1,1-Trichloroethane Methylene Chloride Carbon Tetrachloride					√746 √963 √872		162 4 <b>92</b>		312	7176 726 429	, .	430	301 532	273 522	361 421	409	5.0 2,000 680 440 200 0.19 5.0
Trichloroethylene Tetrachloroethylene Chlorobenzene		724 9.8	1,600 5.4	422	68,417 10,376	18,656 1,168	3.6	814 10.4	14,123	24,676 1,706	503		3.6	253	6.9	5.5	5.0 0.80 60
Acetone Chloroform	14.1	14.0	16.1	13.5	. √284	25.5	15.2	25.1		27.1	13.4		26.8	33.8	20.5	12.5	16,600 ; 0.19
Lead* Cadmium*					2,970 160	68			1								50 10

All values reported in parts per billion (ppb)

Only those results above laboratory detection limits are reported in this table.

<sup>\*</sup> Extraction Procedure Toxicity (EP TOX)

<sup>\*\*</sup> Cleanup objectives as specified in IEPA letter to Fansteel dated February 13, 1990.



Mr. Mark Steger McBride Baker & Coles October 9, 1990 Page 2

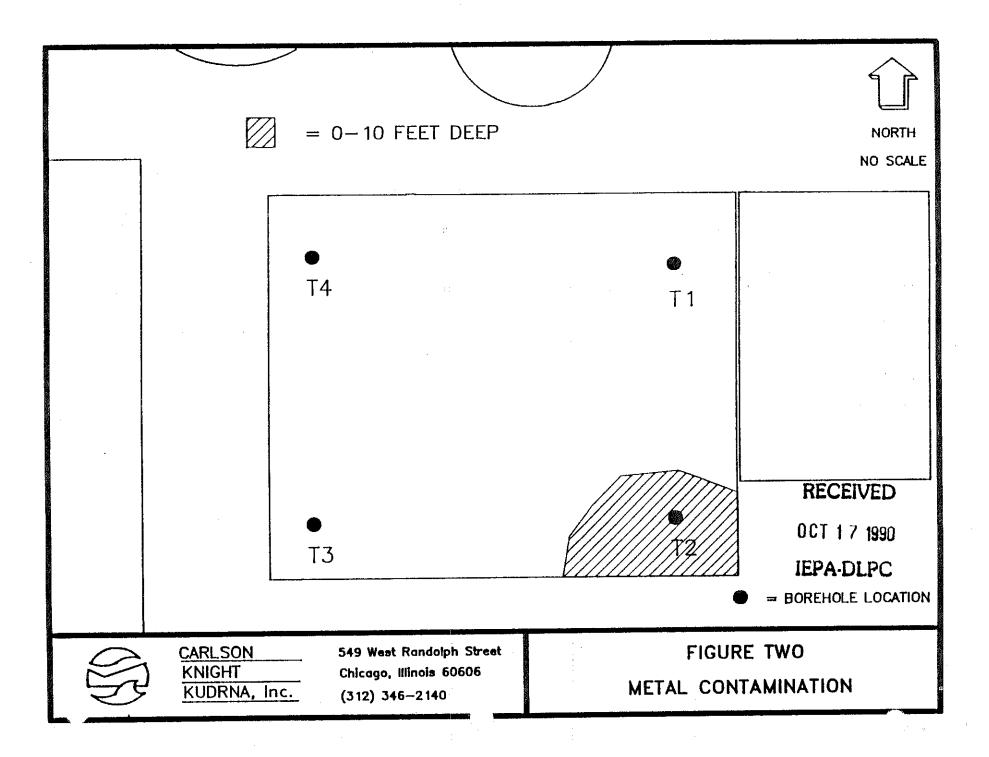
If you have any questions or require any additional information please feel free to contact me.

Carlson
Knight
Kudma, Inc.

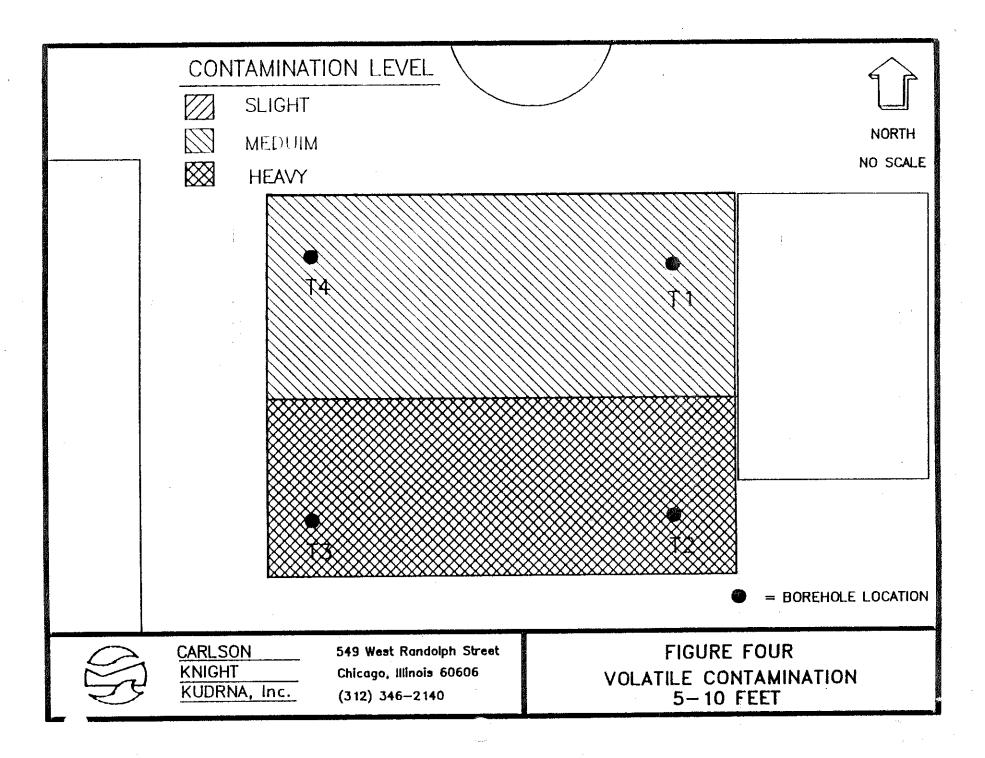
Respectfully submitted,

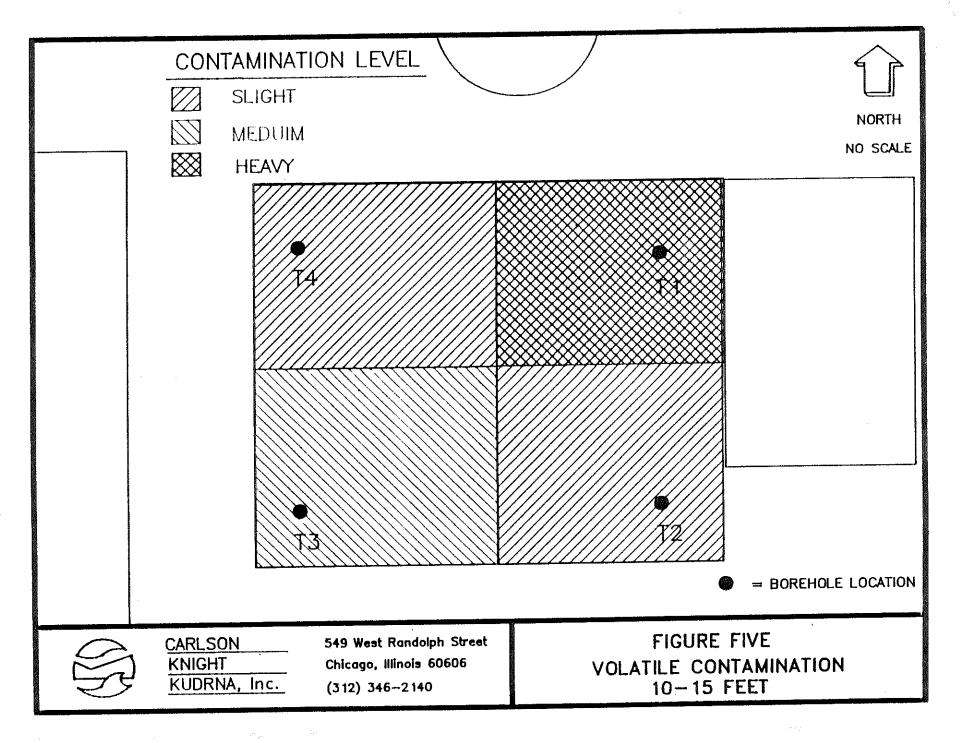
CARLSON KNIGHT KUDRNA, Inc.

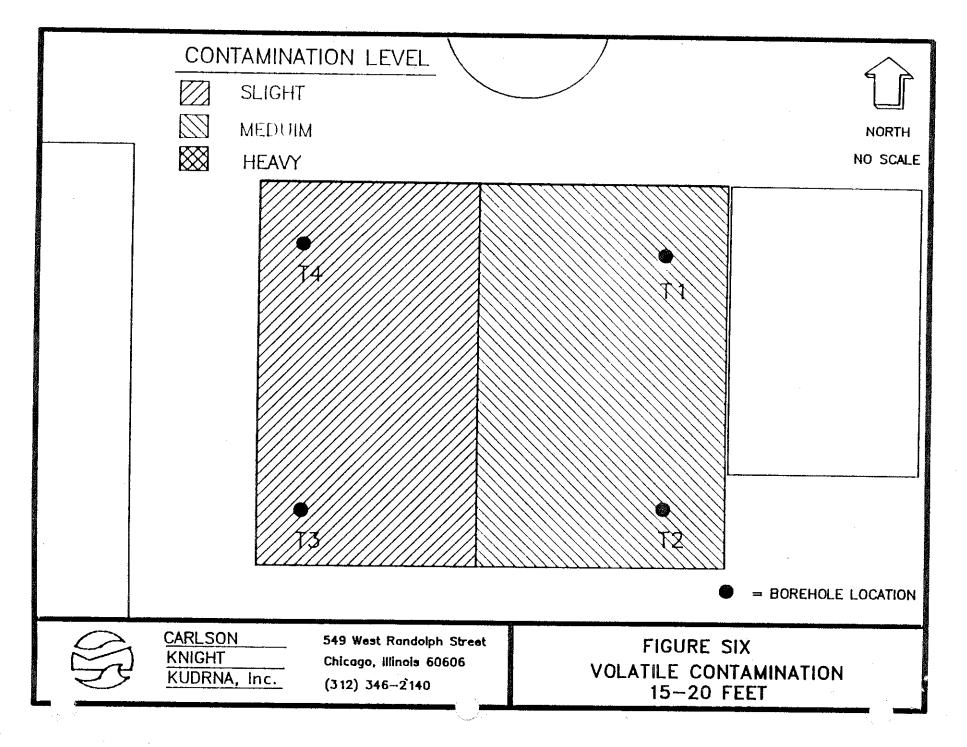
Edward Garske
Manager, Environmental
Monitoring Services



# CONTAMINATION LEVEL SLIGHT NORTH **MEDUIM** NO SCALE $\bigotimes$ **HEAVY** = BOREHOLE LOCATION FIGURE THREE **CARLSON** 549 West Randolph Street **KNIGHT** Chicago, Illinois 60606 **VOLATILE CONTAMINATION** KUDRNA, Inc. (312) 346-2140 0-5 FEET







RECEIVED JUN 17 1985

# RCRA FACILITY REVIEW FOR SOLID WASTE MANAGEMENT UNITS

	FACILITY NAME:  EPA ID NUMBER: N (CITY, STATE): E OF INSPECTION: INSPECTOR(S):	
LITY REPRESEN	TITLE(S): TATIVES PRESENT:	
ever mad a 5t0 waste at this	ste permit for ma site. Summarize	cords, describe any land disposal units that have anaging municipal or industrial (non-hazardous) the information which is available to indicate hazardous constituents and whether the unit may
waste manageme lisposal units crol permit ha indicate wheth and whether th	ent units at this that have inter is been issued. Her the waste may be emissions from	cords, describe any incinerators or other solid is site (other than those treatment, storage and rim status) for which a State air pollution con-Summarize the information which is available to contain hazardous constituents, and whether is the unit may contain hazardous constituents.
raste manageme disposal units trol permit ha indicate wheth and whether th	that have interest that have interest been issued. Her the waste may be emissions from	is site (other than those treatment, storage and im status) for which a State air pollution con- Summarize the information which is available to contain hazardous constituents, and whether the unit may contain hazardous constituents.
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Regarding Poten	therein appear	s to be accu	rate.	336.45.11.5	
tion contained	therein appear	2 to he aces			
	fill ace Impoundment Farm e Pile nerator age Tank (Ahov age Tank (Unde ainer Storage ction Wells ewater Treatme se Recycling Op e Treatment, D e are "Yes" ans a description ch unit. In pe considered as lude any avail the dates of di dinclude capac avalable. You enarding Poter	fill ace Impoundment Farm e Pile nerator age Tank (Above Ground) age Tank (Underground) ainer Storage Area ction Wells ewater Treatment Units sefer Stations e Recycling Operations e Treatment, Detoxification er e are "Yes" answers to any of a description of the wastes ch unit. In particular, ple e considered as hazardous was lude any available data on q the dates of disposal. Pleas d include capacity, dimension avalable. You may simply re	fill ace Impoundment Farm e Pile nerator age Tank (Ahove Ground) age Tank (Underground) ainer Storage Area ction Wells ewater Treatment Units sefer Stations e Recycling Operations e Treatment, Detoxification er a description of the wastes that were st ach unit. In particular, please focus on e considered as hazardous wastes or hazar clude any available data on quantities or the dates of disposal. Please also provide include capacity, dimensions, location available. You may simply reference the Regarding Potential Releases from Solid he	fill ace Impoundment Farm e Pile nerator age Tank (Above Ground) age Tank (Underground) ainer Storage Area ction Wells ewater Treatment Units sefer Stations te Recycling Operations te Treatment, Detoxification tr  e are "Yes" answers to any of the items in Number a description of the wastes that were stored, tre the unit. In particular, please focus on whether the considered as hazardous wastes or hazardous considered any available data on quantities or volume the dates of disposal. Please also provide a desidence of the dates of disposal and the dates of di	fill ace Impoundment Farm e Pile nerator age Tank (Above Ground) age Tank (Underground) ainer Storage Area ction Wells ewater Treatment Units isfer Stations te Recycling Operations te Treatment, Detoxification  a description of the wastes that were stored, treated or one of the considered as hazardous wastes or hazardous constituents clude any available data on quantities or volume of wastes the dates of disposal. Please also provide a description of include capacity, dimensions, location at facility, proviavalable. You may simply reference the owner or operator departing Potential Releases from Solid haste Management U

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NA	
177	
Describe other information about existing or clos units at this facility that should he considered may be a continuing release of hazardous waste or solid waste mangement units.	ed solid waste management in determining whether ther hazardous constituents fro
NA	
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CINDA J. KISSINGER Typed or Frinted Name - State Permit Writer	
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#### PUBLIC NOTICE

## CURWOOD INCORPORATED NEW LONDON, WISCONSIN

The United States Environmental Protection Agency (U.S. EPA) Region V, is hereby giving notice of its intent to issue a Resource Conservation and Recovery Act (RCRA) permit to Curwood, Incorporated. This permit would allow Curwood to continue to operate a hazardous waste storage, treatment, and incinerator facility at 718 High Street, New London, Wisconsin.

Curwood is currently operating under "interim status" as provided for in Section 3005 of the RCRA. This notice is given in accordance with Section 7004 of the RCRA and Title 40 Section 124.10 of the Code of Federal Regulations. The U.S. EPA is inviting public comments on this application and U.S. EPA's draft permit.

The U.S. EPA also gives notice of its tentative determination that there have been NO uncorrected releases of hazardous waste or hazardous constituents to the environment, from any current or previous solid waste management units, at the Curwood facility at 718 High Street, New London, Wisconsin.

This tentative determination is one of the steps U.S. EPA is undertaking to fulfill its obligation under the recently enacted (November 8, 1984) Hazardous and Solid Waste Amendments of 1984 (HSWA; the Amendments). Section 206 of the Amendments requires that all hazardous waste management permits issued after November 8, 1984, must require corrective action for all releases of hazardous waste or constituents from any solid waste management unit at a treatment, storage, or disposal facility seeking a permit. It further requires that permits issued must contain schedules of compliance for such corrective action (where such corrective action cannot be completed prior to the issuance of the permit) and assurances of

ATTACHMENT #3

J.			\$*	
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## CERTIFICATION REGARDING POTENTIAL RELEASES F. ....

BECEIVED.

				Samuel .
ACILITY NAME:	FANSTEEL ELECTROMET	CALS	MAY 15	1985
I.D. NUMBER:	1LD005130786			
ATION CITY:	North Chicago		SOLID WASTE U.S. EPA. DEC	Branch House of
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closed) at v	y of the following solid wa our facility? NOTE - DO NO OWN IN YOUR PART B APPLICA	DI INCLUDE HAZA	units (exist RDOUS WASTES (	ing or JNITS
		YES	NO G	E C E I V E
Landfill			<u>X</u> X	MAY 17 1985
<ul><li>Surface</li><li>Land Far</li></ul>	Impoundment		<u>X</u>	
° Waste Pi			X X X X X X	SWB-ATS
Incinera	tor		X	U.S. EPA, REGION V
• Storage	Tank (Above Ground) Tank (Underground)	-	$\frac{x}{X}$	
° Containe	er Storage Area	-	X	
<ul><li>Injection</li></ul>	n Wells		XD	ECEIVE
<ul><li>Wastewat</li><li>Transfer</li></ul>	ter Treatment Units		$\frac{x}{x}$	565175
• Iranster	Stations cycling Operations		$\frac{x}{x}$	MAY 20 1985
• Waste Tr	eatment, Detoxification		X	WAT 20 1303
° Other _			X	WMD-RAIU
provide a de of in each u would be con RCRA. Also disposed on of each unit	e "Yes" answers to any of tescription of the wastes the unit. In particular, pleas include any available data and the dates of disposal. tand include capacity, dinif avaliable.	nat were stored, se focus on whet es or hazardous on quantities Please also r	ther or not the constituents or volume of provide a description	e wastes under wastes ription
	*		(8)	
6				
NOTE: Haza	rdous waste are those iden	tified in 40 CF	R 261. Hazar	dous consti-
tuen	ts are those listed in App	endix VIII UT 4	U LIK PART 20	1.

COPY Z

	For the units noted in Number 1 above and also those hazardous waste units
3.	in your Part B application, please describe for each unit any data available on any prior or current releases of hazardous wastes or constituents to the environment that may have occurred in the part or still be occurring.
	Please provide the following information
	<ul> <li>a. Date of release</li> <li>b. Type of waste released</li> <li>c. Quantity or volume of waste released</li> <li>d. Describe nature of release (i.e., spill, overflow, ruptured pipe or tank, etc.)</li> </ul>
•	
4.	In regard to the prior releases described in Number 3 above, please provide (for each unit) any analytical data that may be available which would describe the nature and extent of environmental contamination that exists as a result of such releases. Please focus on concentrations of hazardous wastes or constituents present in contaminated soil or groundwater.
	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the submittal is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. (42 U.S.C. 6902 et seq. and 40 CFR 270.11(d))
	Gerald J. Wittbrodt, Supervisor Typed Name and Title
	Plant Safety & Environmental Engineering
÷,	May 8, 1985 Signature Date

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